SHARP

CE

SJ-260N SJ-300N
SJ-340N SJ-380N
SJ-420N

ENG **REFRIGERATOR-FREEZER OPERATION MANUAL 2**
• Household use only • Free standing type

SPA **FRIGORIFICO-CONGELADOR MANUAL DE MANEJO 7**
• Sólo para uso tidomésco • De estructura independiente

ITA **FRIGORIFERO-FREEZER MANUALE DI ISTRUZIONI 12**
• Solo per uso domestico • Tipo senza bisogno di appoggio

FRA **REFRIGERATEUR-CONGELATEUR MODE D'EMPLOI 17**
• Usage pour l'entretien uniquement • Structure indépendante

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• Apenas para uso doméstico • Tipo isolado

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• Да сче използва само за домакински цели • Свободно (отделно) стоящ тип

INTRODUCTION

Thank you very much for buying this SHARP product. Before using your SHARP refrigerator, please read this operation manual to ensure that you gain the maximum benefit from it.
All persons using the cabinet must be thoroughly familiar with its operation and safety features. Keep this operation manual with the refrigerator if you move or if the cabinet changes owners so that whoever uses it can read about the various features and safety rules.

Important:

- This refrigerator is for domestic use only, with an ambient temperature between +5°C and +38°C.
  The refrigerator should not be subjected to temperatures of -10°C for long periods.
- To be used on 220-240V mains voltage.

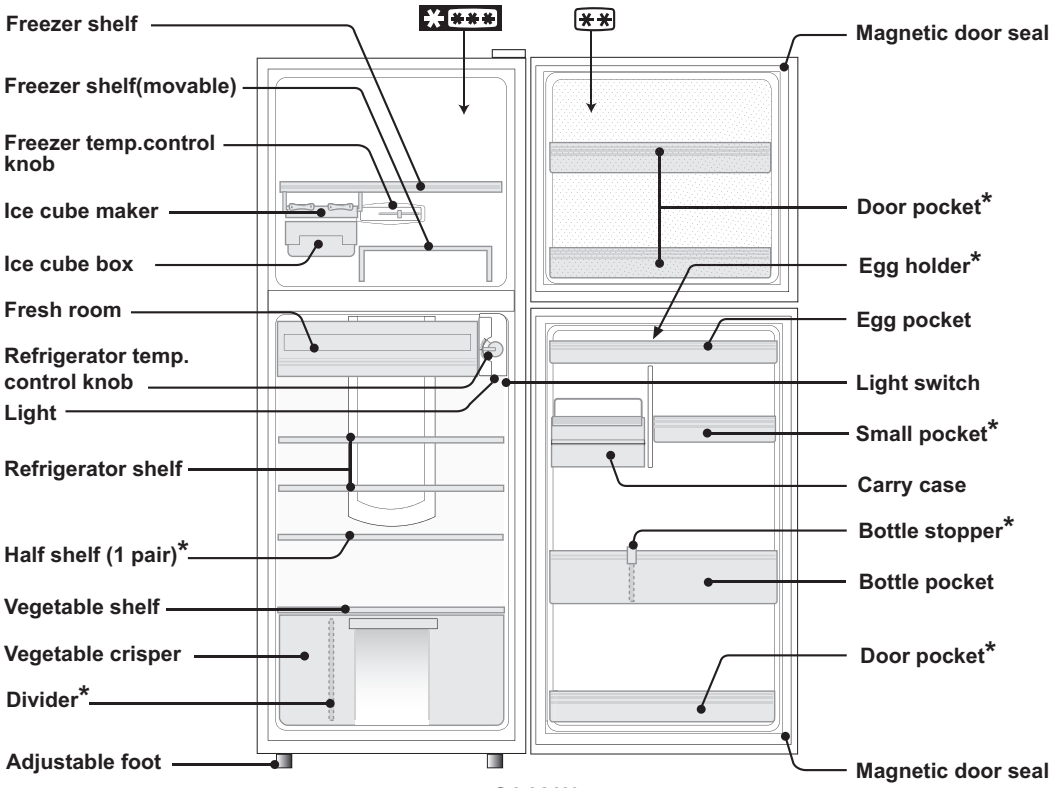
WARNING

1. This refrigerator contains flammable refrigerant (R600a: isobutane) and insulation blowing gas (cyclopentane). Observe the following rules to prevent ignition and explosion.
   - The refrigeration system behind and inside the refrigerator contains refrigerant. Do not allow any sharp objects to come into contact with the refrigeration system.
   - Do not use mechanical devices or other means to accelerate the defrosting process. (This refrigerator has adopted automatic defrosting system.)
   - Do not use electric appliances inside the refrigerator.
   - Use only the specified lamp for the refrigerator compartment.
   - Do not block the openings on the circumference of the refrigerator.
   - If the refrigeration system should get punctured, do not touch the wall outlet and do not use open flames. Open the window and air out the room. Then ask a service agent approved by SHARP for servicing.
   - This refrigerator should be disposed appropriately. Take the refrigerator to a recycling plant for flammable refrigerant and insulation blowing gases.
2. This refrigerator is airtight. TO PREVENT FATAL ACCIDENTS TO CHILDREN, please completely remove the door prior to discarding the refrigerator.
3. Highly volatile and flammable materials such as ether, petrol, propane gas, adhesive agents and pure alcohol etc. are liable to explode. Do not store these materials in the refrigerator.
4. To prevent damage to the outer cabinet, avoid contact with lacquer, and paint, etc.
5. When cleaning your refrigerator, do not splash water directly on the outer cabinet or the interior. This may lead to rusting and deterioration of the electrical insulation.
6. When cleaning any areas adjacent to electrical components, unplug the refrigerator first to prevent electric shock.
7. Should electrical components be accidentally immersed in water, unplug the refrigerator, dry the parts and contact your nearest service agent approved by SHARP.
8. When disconnecting the power plug, do not touch the pin of plug. This may cause electric shock.
9. This refrigerator is designed solely for the purpose of storing foodstuff for domestic use in accordance with the instructions given in this manual. Using the refrigerator for other purposes might be harmful to persons or property.
10. This refrigerator is not suitable for the storage of materials requiring precise temperatures. Deterioration of these materials will be dangerous.
11. Dust deposited on the power plug may cause fire. Wipe it off carefully.
12. Do not attempt to change or modify this refrigerator. This may result in fire, electric shock or injury.

CAUTION

1. Do not touch the compressor unit or its peripheral parts, as they become extremely hot during operation and the metal edges may cause injury.
2. If the power supply is accidentally disconnected, please wait for at least 5 minutes before re-connecting the power, as back pressure in the compressor may trip the overload relay.
3. Do not touch foods or metal containers in the freezer compartment with your wet hands. This may cause frostbite.
4. To prevent accidental power disconnection, plug the refrigerator directly to the source. Do not use a double adaptor as loss of power could lead to the spoiling of the stored food.
5. Do not place bottles in the freezer as they may crack when frozen.
6. Keep the door securely closed. If the door is left ajar, the controlled inner temperature will rise, resulting in food spoilage and increase in electricity costs.
7. Do not install the refrigerator in a damp or wet location as this may cause damage to the insulation and a leak. Condensation may also build on the outer cabinet and cause rust.
8. When installing or moving the refrigerator, make sure that you do not nip or kink the power cord. Damage of the power cord may cause electric shock or fire.
9. Do not use this refrigerator when the power cord or plug is damaged, or the outlet attachment is loose, as they may cause electric shock or fire.
10. Disconnect from the mains electricity supply by removing the mains plug from the electricity supply socket. Do not remove by pulling the mains lead. This may cause electric shock or fire.
11. Make sure that you leave adequate ventilation space around the refrigerator to prevent the compressor from overheating and stopping. Please follow the instructions given for installation.
12. Should the flexible supply cord be damaged, it must be replaced by service agent approved by SHARP as a special cord is required.
13. In case of gas leak, ventilate the area by opening a window, etc. Do not touch the refrigerator or the power outlet.
14. Do not place heavy or easily broken objects on top of the refrigerator. Objects may fall when opening or closing the refrigerator, causing injury.
15. Do not place objects containing liquid on top of the refrigerator. Spillage may cause electric shock or fire.
16. Do not drop objects inside the refrigerator or strike the inner wall. This may cause the inner surface to crack.
17. This refrigerator is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the refrigerator by a person responsible for their safety. Young children should be supervised to ensure that they do not play with the refrigerator.

DESCRIPTION

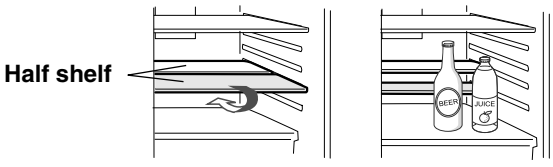


< SJ-380N >

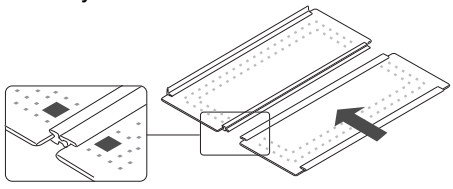
• 2 star section ** for storing frozen food only.

Half shelf

The position of the shelf can be arranged according to the size of the foods to be stored.



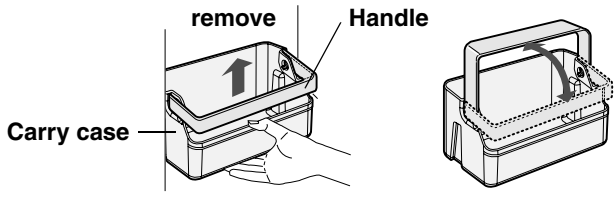
• When connect the shelves, push the front shelf into the other shelf while installed in the compartment and connect it securely.



Carry case

This unit is removable and can be carried to the kitchen or the table. It is designed to be used for stocking spices or seasonings.

• The handle may be deformed or crack when it is pulled strongly.



Do not remove with a handle.

*

Model name	SJ-260N	SJ-300N	SJ-340N	SJ-380N	SJ-420N
Half shelf	-	1	1	1	1
Divider	-	-	-	1	1
Door pocket	2	3	3	3	3
Egg holder	-	-	-	1	1
Small pocket	1	1	1	1	2
Bottle stopper	-	-	-	1	1

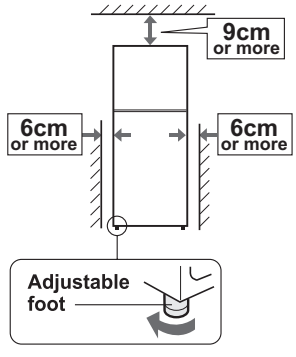
INSTALLATION

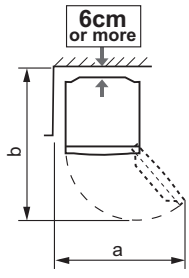
1. Keep adequate ventilation space around the refrigerator.
- The figure shows the minimum required space for installing the refrigerator. It differs from the space in the measurement condition of the amount of power consumption.
- It is possible to use the refrigerator with a less amount of power consumption by keeping greater space.
- If using the refrigerator in the space below dimension of the figure, it may cause the temperatures in the unit to rise, loud noise, and failure.

2. Using the front Adjustable foot, ensure that the refrigerator is positioned firmly and level on the floor.

NOTE:

- Position your refrigerator so that the plug is accessible.
- Keep your refrigerator out of direct sunlight.
- Do not place next to heat generating appliance.
- Do not place directly on the ground. Provide suitable stand.





	SJ-260N SJ-300N SJ-340N	SJ-380N SJ-420N
a	97cm	106.5cm
b	114.5cm	122.1cm

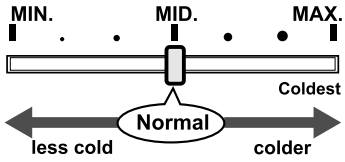
Before using your refrigerator

Clean the inside parts with a cloth soaked in warm water. If soapy water is used, wipe it off thoroughly with water.

OPERATION

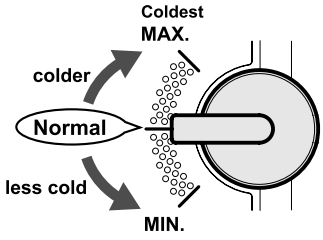
Controlling temperatures

FREEZER TEMP. CONTROL



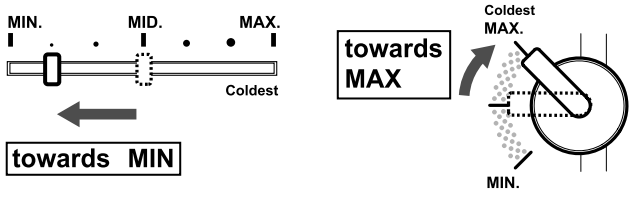
- FREEZER TEMP. CONTROL regulates the quantity of cold air to the freezer.
- If the freezer does not cool even when setting FREEZER TEMP. CONTROL to MAX, set REFRIGERATOR TEMP. CONTROL to MAX as well.
- With FREEZER TEMP. CONTROL set to MAX, there will be less cold air directed to the refrigerator compartment, and the refrigerator compartment may not become cold enough.

REFRIGERATOR TEMP.CONTROL



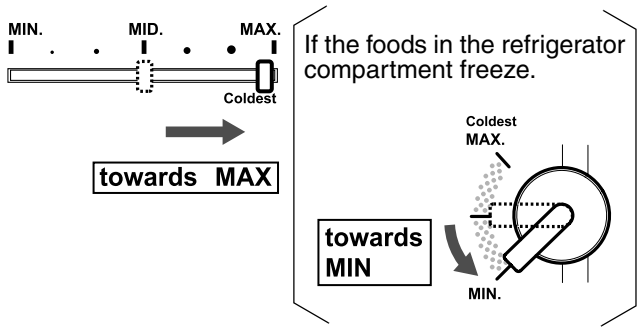
- REFRIGERATOR TEMP. CONTROL controls the compressor running time of the refrigeration system.
- MAX setting will result in colder temperature in the both (refrigerator and freezer) compartments.
- The freezer compartment may not cool sufficiently when leaving REFRIGERATOR TEMP. CONTROL as MIN for an extensive period. To cool the freezer compartment properly, set REFRIGERATOR TEMP. CONTROL closer to MAX.

■ Over 35°C ambient temperature



This is because MAX setting (FREEZER TEMP. CONTROL) may result in too little air flow to the refrigerator compartment, causing too warm temperature in the refrigerator compartment.

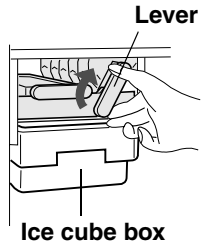
■ Under 10°C ambient temperature



This is because the compressor operation is too short in winter, and not enough cold air is provided to the freezer compartment.

Hints when making ice

1. Do not over fill the Ice cube trays; otherwise the ice cubes will be joined together when frozen.
2. When the ice cubes are made, turn the lever clockwise to empty the ice into the Ice cube box.



NOTE:

To prevent damage to the Ice cube box, do not make ice in the Ice cube box or pour oil into it.

Deodorizing unit

Deodorizing catalyst is installed on the routes of cold air. No operation and cleaning are required.

Defrosting

Defrosting is fully automatic due to a unique energy saving system.

Thermometer

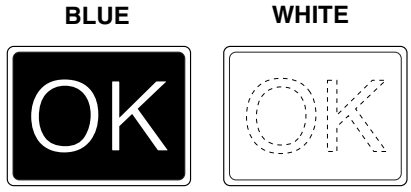
This refrigerator is provided with a THERMOMETER in the refrigerator compartment to allow you to control the average temperature in the coldest zone.

COLDEST ZONE

The symbol indicates the coldest zone in the refrigerator compartment.
(The door pocket positioned at the same height isn't the coldest zone.)

CHECKING THE TEMPERATURE IN THE COLDEST ZONE

You can carry out regular checks to ensure the temperature in the coldest zone is correct and, if necessary, adjust the refrigerator temp. control as indicated in the chapter "Controlling Temperature".
To maintain a correct temperature inside the appliance, check that the thermometer is always BLUE. If the thermometer turns WHITE, the temperature is too high; in this case, increase the refrigerator temp. control setting and wait for 6 hours before checking the thermometer again.



Correct setting

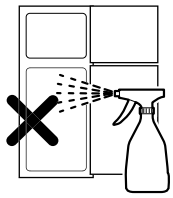
Temperature too high, adjust the refrigerator temp. control.

NOTE:

- The internal temperature of the refrigerator depends on various factors such as the ambient temperature of the room, the amount of food stored and the frequency of door opening.
- When fresh food has been introduced or the door has been left open for some time, it is normal for the thermometer to turn WHITE.

CARE AND CLEANING

Some household cleaning chemicals may affect the inside surfaces and plastic shelves resulting in splitting or cracks occurring.
When cleaning all plastic parts inside this refrigerator, only use diluted dishwashing liquid (soapy water).
Make sure that all plastic parts are thoroughly rinsed with water after cleaning.



1. Remove the shelves and pockets from the cabinet and door. Wash them in warm soapy dishwashing water; rinse in clean water and dry.
2. Clean the inside with a cloth soaked in warm soapy dishwashing water. Then, use cold water to wipe off soapy water.
3. Wipe the exterior with a soft cloth each time it is soiled.
4. Clean the Magnetic door seal with a toothbrush and warm soapy dishwashing water.

NOTE:

- Do not use polishing powder, benzine, hot water etc.
- If undiluted detergent is used or soapy water is not wiped off thoroughly, cracking of plastic parts can result.
- Wipe any food oils adhered to plastic components as they can cause cracking of the plastic surface.

When the compartment light is blown

Contact the SHARP Service Center to request a replacement compartment bulb. The compartment bulb is not to be removed other than by qualified service personnel.

Switching off your refrigerator

If you switch your refrigerator off when you are going away for an extended period, remove all food, clean the interior thoroughly. Remove the power cord plug from the power socket and leave all doors open.

STORING FOOD

Refrigeration reduces the rate of food spoilage.
To maximize the shelf life of perishable food products, ensure that the food is of the freshest possible quality. The following is a general guide to help promote longer food storage.

Fruit / Vegetables

To minimize moisture loss, fruit and vegetables should be loosely enclosed in a plastic material e.g. wrap, bags (do not seal) and place in the vegetable crisper.

Dairy Products & Eggs

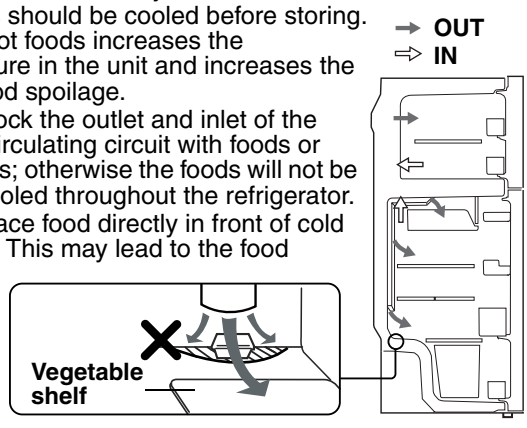
- Most dairy products have a use by date on the outer packaging which informs the recommended temperature and shelf life of the product.
- Eggs should be stored in the Egg pocket.

Meats / Fish / Poultry

- Place on a plate or dish and cover with paper or plastic wrap.
- For larger cuts of meat, fish, or poultry, place to the rear of the shelves.
- Ensure all cooked food is wrapped securely or placed in an airtight container.

NOTE:

- Evenly place the food on the shelves to allow the cooling air to circulate efficiently.
- Hot foods should be cooled before storing. Storing hot foods increases the temperature in the unit and increases the risk of food spoilage.
- Do not block the outlet and inlet of the cool air circulating circuit with foods or containers; otherwise the foods will not be evenly cooled throughout the refrigerator.
- Do not place food directly in front of cold air outlet. This may lead to the food freezing.



FOR BEST FREEZING

- Quality of foods should be fresh.
- Freeze small quantities of food at a time to freeze them quickly.
- Food should be properly stored or covered and the air should be removed to seal tightly.
- Evenly place the food in the freezer.
- Label bags or containers to keep an inventory of freezing food.

WHAT TO DO BEFORE YOU CALL FOR SERVICE

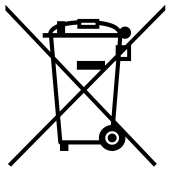
Before you call for service, check the following points.

Problem	Solution
The outside of a cabinet is hot when touched.	It is normal. The hot pipe is in the cabinet in order to prevent dew generation.
When there is refrigerator noise.	It is normal for the refrigerator to produce the following sounds. • Loud noise produced by the compressor when operation starts --- Sound becomes quieter after a while. • Loud noise produced once a day by the compressor --- Operating sound produced immediately after automatic defrost operation. • Sound of flowing fluid (gurgling sound, fizzing sound) --- Sound of refrigerant flowing in pipes (sound may become louder from time to time). • Cracking or crunching sound, Squeaking sound --- Sound produced by expansion and contraction of inner walls and internal parts during cooling.
Frosting or dew generation occurs inside or outside the refrigerator.	This may occur in one of the following cases. Use a wet cloth for wiping frost and a dry cloth for wiping dew. • When the ambient humidity is high. • When the door is frequently opened and closed. • When foods containing plenty of moisture are stored. (Wrapping is required.)
The foods in the refrigerator compartment freeze.	• Is the refrigerator operated for a long time with REFRIGERATOR TEMP. CONTROL set at MAX? • Low ambient temperature may cause placed foods to freeze even if REFRIGERATOR TEMP. CONTROL is set to MIN.
It smells in the compartment.	• Wrapping is required for the foods with strong smell. • Deodorizing unit cannot remove all of smell.

IF YOU STILL REQUIRE SERVICE

Refer to your nearest service agent approved by SHARP.

Information on Disposal for Users (private households)



Attention:
Your product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collection system for these products.

1. In the European Union

Attention: If you want to dispose of this equipment, please do not use the ordinary dust bin! Used electrical and electronic equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment.
Following the implementation by member states private households within the EU states may return their used electrical and electronic equipment to designated collection facilities free of charge*. In some countries* your local retailer may also take back your old product free of charge if you purchase a similar new one.
*) Please contact your local authority for further details.
If your used electrical or electronic equipment has batteries or accumulators, please dispose of these separately beforehand according to local requirements.
By disposing of this product correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

2. In other Countries outside the EU

If you wish to discard this product, please contact your local authorities and ask for the correct method of disposal.
For Switzerland: Used electrical or electronic equipment can be returned free of charge to the dealer, even if you don't purchase a new product. Further collection facilities are listed on the homepage of www.swico.ch or www.sens.ch.